

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number
WO 2004/016026 A1(51) International Patent Classification⁷: **H04Q 7/38**(21) International Application Number:
PCT/IB2002/003030

(22) International Filing Date: 5 August 2002 (05.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

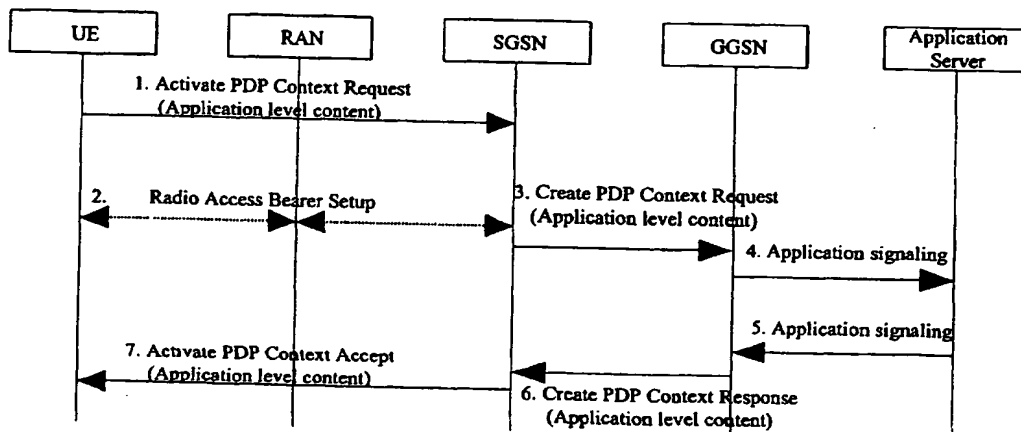
(72) Inventor; and

(75) Inventor/Applicant (for US only): **HAUMONT, Serge** [FR/FI]; Riistavuorenkuja 3 B As. 10, FIN-00320 Helsinki (FI).(74) Agent: **LESON, Thomas, Johannes, Alois**; TBK-Patent, Bavariaring 4-6, 80336 München (DE).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF SPEEDING UP THE REGISTRATION PROCEDURE IN A CELLULAR NETWORK



(57) Abstract: A method of carrying an application level message encapsulated inside a signaling message of an access network, said method comprising the steps of: receiving (1) an application level message from a sender application process to an access network signaling process; adapting (3) said application level message and encapsulating it in a signaling message of an access network; and delivering (1, 3, 4) said encapsulated application level message to a receiver application process by transmitting said signaling message, wherein said encapsulated application level message is transparent to the means of said access network transmitting said signaling message.